

OPERATING DATA REPORT

DOCKET NO. 50-317
 DATE April 15, 1982
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 1
2. Reporting Period: March, 1982
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 918
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes:

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr. to Date	Cumulative
11. Hours In Reporting Period	744.0	2,160.0	60,469.0
12. Number Of Hours Reactor Was Critical	744.0	2,160.0	48,759.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,792.4
14. Hours Generator On Line	744.0	2,160.0	47,761.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,969,380	5,713,675	115,839,140
17. Gross Electrical Energy Generated (MWH)	663,655	1,929,704	37,923,701
18. Net Electrical Energy Generated (MWH)	636,754	1,851,241	36,153,274
19. Unit Service Factor	100.0	100.0	79.0
20. Unit Availability Factor	100.0	100.0	79.0
21. Unit Capacity Factor (Using MDC Net)	103.7	103.9	72.5
22. Unit Capacity Factor (Using DER Net)	101.3	101.4	70.8
23. Unit Forced Outage Rate	0.0	0.0	8.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

No. 1 Plant scheduled for refueling and to retube condenser from 4/17/82 until 7/25/82.

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

OPERATING DATA REPORT

DOCKET NO. 50-318
 DATE April 15, 1982
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

OPERATING STATUS

1. Unit Name: Calvert Cliffs No. 2
2. Reporting Period: March 1982
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 911
5. Design Electrical Rating (Net MWe): 845
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 825
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons

Notes

9. Power Level To Which Restricted, If Any (Net MWe)
10. Reasons For Restrictions, If Any

	This Month	Yr. to-Date	Cumulative
11. Hours In Reporting Period	744.0	2,160.0	43,824.0
12. Number Of Hours Reactor Was Critical	744.0	1,860.1	37,428.1
13. Reactor Reserve Shutdown Hours	0.0	9.4	723.9
14. Hours Generator On-Line	744.0	1,841.5	36,885.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,974,960	4,847,112	90,685,681
17. Gross Electrical Energy Generated (MWH)	659,127	1,614,942	30,030,345
18. Net Electrical Energy Generated (MWH)	632,350	1,543,936	28,629,747
19. Unit Service Factor	100.0	85.3	84.2
20. Unit Availability Factor	100.0	85.3	84.2
21. Unit Capacity Factor (Using MDC Net)	103.0	86.6	79.2
22. Unit Capacity Factor (Using DER Net)	100.6	84.6	77.3
23. Unit Forced Outage Rate	0.0	14.8	5.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

25. If Shut Down At End Of Report Period, Estimated Date of Startup

26. Unit In Test Status (Prior to Commercial Operation)

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-317

UNIT Calvert Cliffs #1

DATE April 15, 1982

COMPLETED BY Elaine Lotito

TELEPHONE (301) 787-5363

MONTH March 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>864</u>
2	<u>867</u>
3	<u>867</u>
4	<u>818</u>
5	<u>865</u>
6	<u>868</u>
7	<u>797</u>
8	<u>859</u>
9	<u>848</u>
10	<u>847</u>
11	<u>826</u>
12	<u>870</u>
13	<u>870</u>
14	<u>870</u>
15	<u>870</u>
16	<u>868</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>867</u>
18	<u>869</u>
19	<u>875</u>
20	<u>869</u>
21	<u>753</u>
22	<u>864</u>
23	<u>869</u>
24	<u>829</u>
25	<u>867</u>
26	<u>868</u>
27	<u>864</u>
28	<u>864</u>
29	<u>864</u>
30	<u>866</u>
31	<u>867</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-318

UNIT Calvert Cliffs #2

DATE April 15, 1982

COMPLETED BY Elaine Lotito

TELEPHONE (301) 787-5363

MONTH March 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>863</u>	17	<u>863</u>
2	<u>821</u>	18	<u>861</u>
3	<u>862</u>	19	<u>860</u>
4	<u>862</u>	20	<u>834</u>
5	<u>861</u>	21	<u>844</u>
6	<u>865</u>	22	<u>864</u>
7	<u>867</u>	23	<u>864</u>
8	<u>866</u>	24	<u>864</u>
9	<u>865</u>	25	<u>857</u>
10	<u>865</u>	26	<u>833</u>
11	<u>835</u>	27	<u>861</u>
12	<u>864</u>	28	<u>862</u>
13	<u>866</u>	29	<u>861</u>
14	<u>676</u>	30	<u>863</u>
15	<u>795</u>	31	<u>862</u>
16	<u>862</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1982DOCKET NO. 50-317UNIT NAME Calvert Cliffs #1DATE April 15, 1982COMPLETED BY Elaine LotitoTELEPHONE (301) 787-5363

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									No outages or reductions

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs #2
 DATE April 15, 1982
 COMPLETED BY Elaine Lotito
 TELEPHONE (301) 787-5363

REPORT MONTH March 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-06	820314	S	14.0	B	5		ZZ	Pump xx	Scheduled Maintenance on #21 Steam Generator Feed Pump Control oil system.

¹ F: Forced
 S: Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain) Continuation
 5-Load Reduction
 6-Other

⁴ Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵ Exhibit I - Same Source

April 8, 1982

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1
2. Scheduled date for next Refueling Shutdown: April 16, 1982
3. Scheduled date for restart following refueling: June 30, 1982
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

February 15, 1982

6. Important licensing considerations associated with the refueling.

Reload fuel will be similar to that reload fuel inserted into the previous cycle.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

(a) 217

(b) 584

Spent Fuel Pools are common to Units 1 and 2

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

1760 Licensed

1358 Currently Installed

70 Licensed Addition is Planned

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off load.

April, 1990

April 8, 1982

REFUELING INFORMATION REQUEST

1. Name of Facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2.
2. Scheduled date for next refueling shutdown: October 15, 1982.
3. Scheduled date for restart following refueling: January 5, 1982
4. Will refueling or resumption of operation thereafter require a technical specification change or other licensed amendment?

Resumption of operation after refueling will require changes to Technical Specifications. The changes will be such as to allow operation of the plant with a fresh reload batch and reshuffled core.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

October 4, 1982

6. Important licensing considerations associated with refueling.

Reload fuel will be similar to that reload fuel inserted in the previous cycle.

7. The number of fuel assemblies (a) in the core and (b) in the Spent Fuel Storage Pool.

(a) 217

(b) 584

Spent Fuel Pool is common to Units 1 and 2.

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been required or is planned, in number of fuel assemblies.

1760 Licensed

1358 Currently Installed

70 Licensed Addition is Planned

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off load.

April, 1990

SUMMARY OF UNIT 1 OPERATING EXPERIENCE - MARCH 1982

- 3/1 At the beginning of this reporting period Unit 1 was operating at 865 MWe with the reactor at 96% power, returning to full load after plugging 1 condenser tube. Load was increased to capacity (900 MWe) at 0230.
- 3/4 At 0200 load was reduced to 800 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (900 MWe) at 1500.
- 3/7 Decreased load to 805 MWe at 0800 for repair of 16B Traveling Screen. Load was increased to 850 MWe at 1600 when indications of saltwater leakage into the main condenser became evident. Load was reduced to 795 MWe at 1800 to investigate.
- 3/8 Increased load to capacity (900 MWe) at 0430 after plugging 2 condenser tube(s).
- 3/9 At 1900 load was reduced to 820 MWe to investigate saltwater leakage into the main condenser.
- 3/10 After plugging 1 condenser tube resumed full load operation (900 MWe) at 0630
- 3/11 At 1000 load was reduced to 805 MWe to investigate saltwater leakage into the main condenser. Increased load to capacity (900 MWe) at 2040 after plugging 1 condenser tube.
- 3/21 At 0431 Control Element Assembly (CEA) 21 dropped into the core. Reactor power was immediately reduced to less than 70% in accordance with the Technical Specifications. CEA 21 was re-aligned with its group at 0600. Load was increased to 625 MWe at 0900 when a malfunctioning reactor coolant degasifier pressure switch necessitated halting the load increase. Load was increased to capacity (900 MWe) at 1730.
- 3/24 Load was reduced to 770 MWe at 1330 to obtain full flow condensate demineralization due to steam generator chemistry requirements. Resumed full load operation (900 MWe) at 2130.
- 3/31 At the end of this reporting period Unit 1 was operating at 900 MWe with the reactor at 100% power.

SUMMARY OF UNIT 2 OPERATING EXPERIENCE - MARCH 1982

- 3/1 At the beginning of this reporting period Unit 2 was operating at 900 MWe with the reactor at 100% power.
- 3/2 At 0500 load was reduced to 795 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (900 MWe) at 1500
- 3/11 At 0800 load was reduced to 805 MWe to investigate saltwater leakage into the main condenser. Load was increased to 900 MWe at 1500 when indications of saltwater leakage disappeared.
- 3/14 Decreased load to 620 MWe at 0600 for scheduled maintenance on 21 Steam Generator Feed Pump control oil system. Load was increased to 770 MWe at 2130 when indications of Saltwater leakage into the main condenser became evident. Held load at this level to investigate.
- 3/15 Increased load to capacity (900 MWe) at 1400 after plugging 2 condenser tubes.
- 3/20 Decreased load to 900 MWe at 0100 for Main Turbine Control Valve testing. Resumed full load operation (900 MWe) at 0520. At 2245 load was reduced to 800 MWe to investigate saltwater leakage into the main condenser.
- 3/21 Load was increased to 900 MWe at 0600 when indications of saltwater leakage disappeared.
- 3/25 At 2335 load was reduced to 790 MWe to investigate saltwater leakage into the main condenser. After plugging 1 condenser tube resumed full load operation (900 MWe) at 0730.
- 3/31 At the end of this reporting period Unit 2 was operating at 900 MWe with the reactor at 100% power.